

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,029,861 B1
APPLICATION NO. : 09/396985
DATED : April 18, 2006
INVENTOR(S) : Beutler et al.

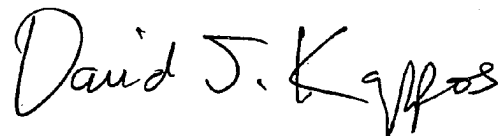
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

The drawing sheets, consisting of Figs. 1-22, should be deleted to be replaced with the drawing sheets, consisting of Figs. 1-22 as shown on the attached pages.

Signed and Sealed this

Seventh Day of December, 2010

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large initial "D" and a stylized "K".

David J. Kappos
Director of the United States Patent and Trademark Office

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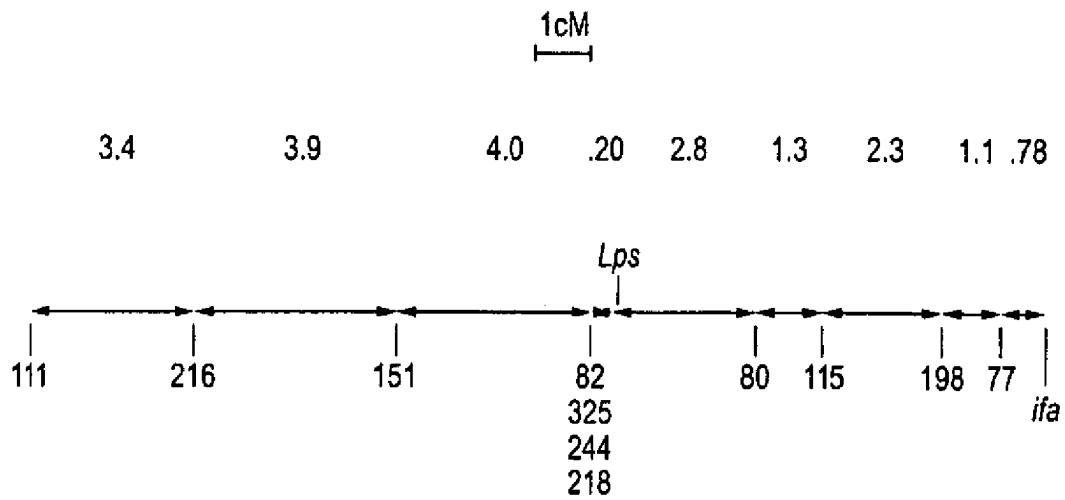


FIG. 1

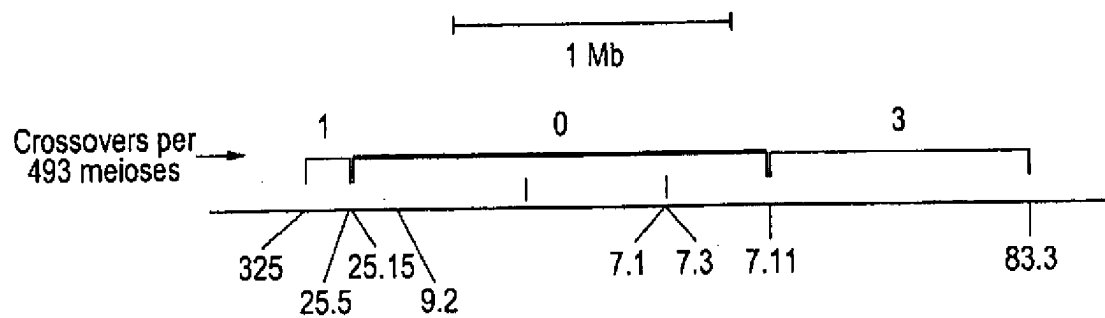


FIG. 2A

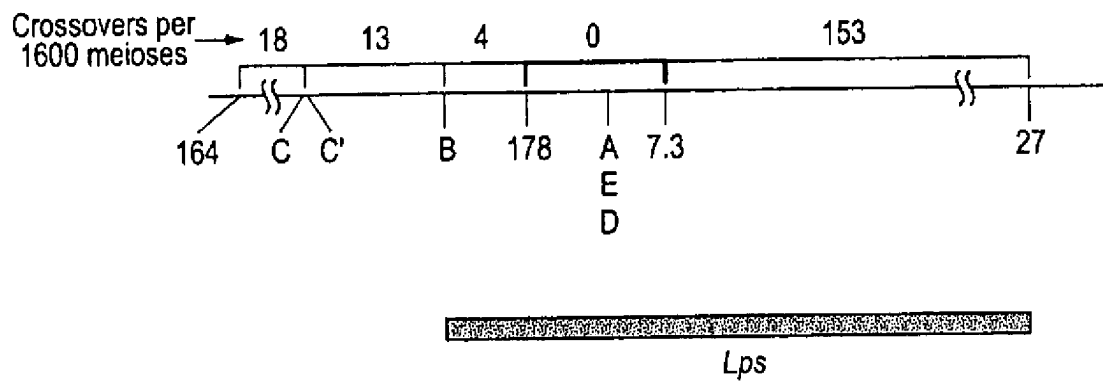


FIG. 2B

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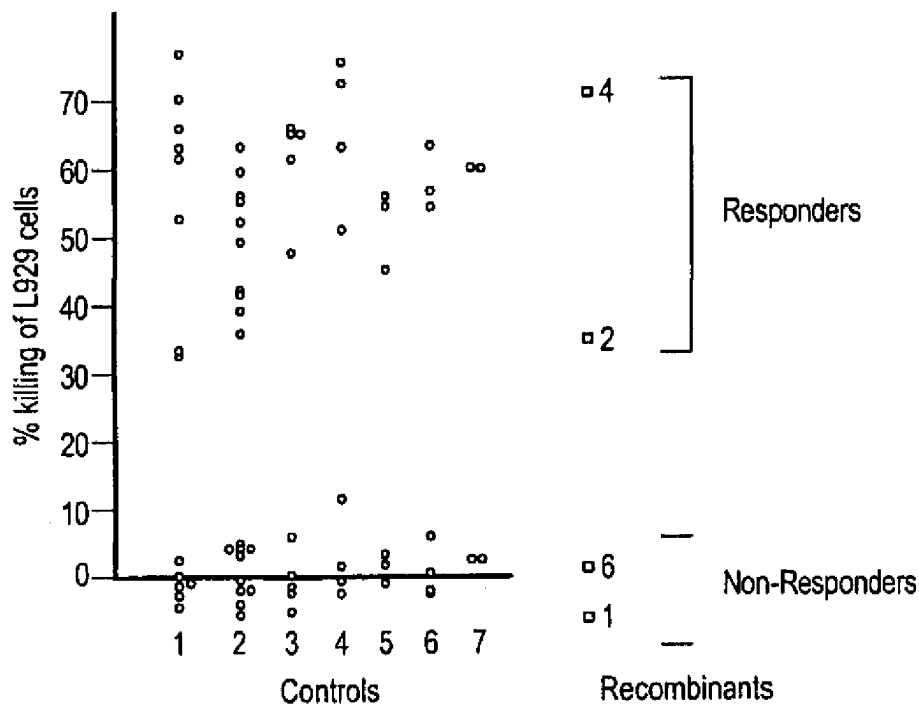


FIG. 3A

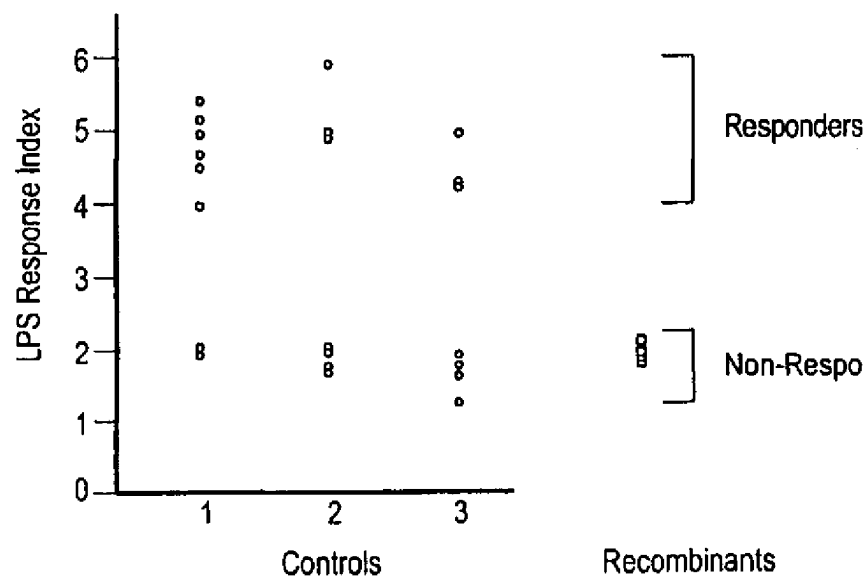


FIG. 3B

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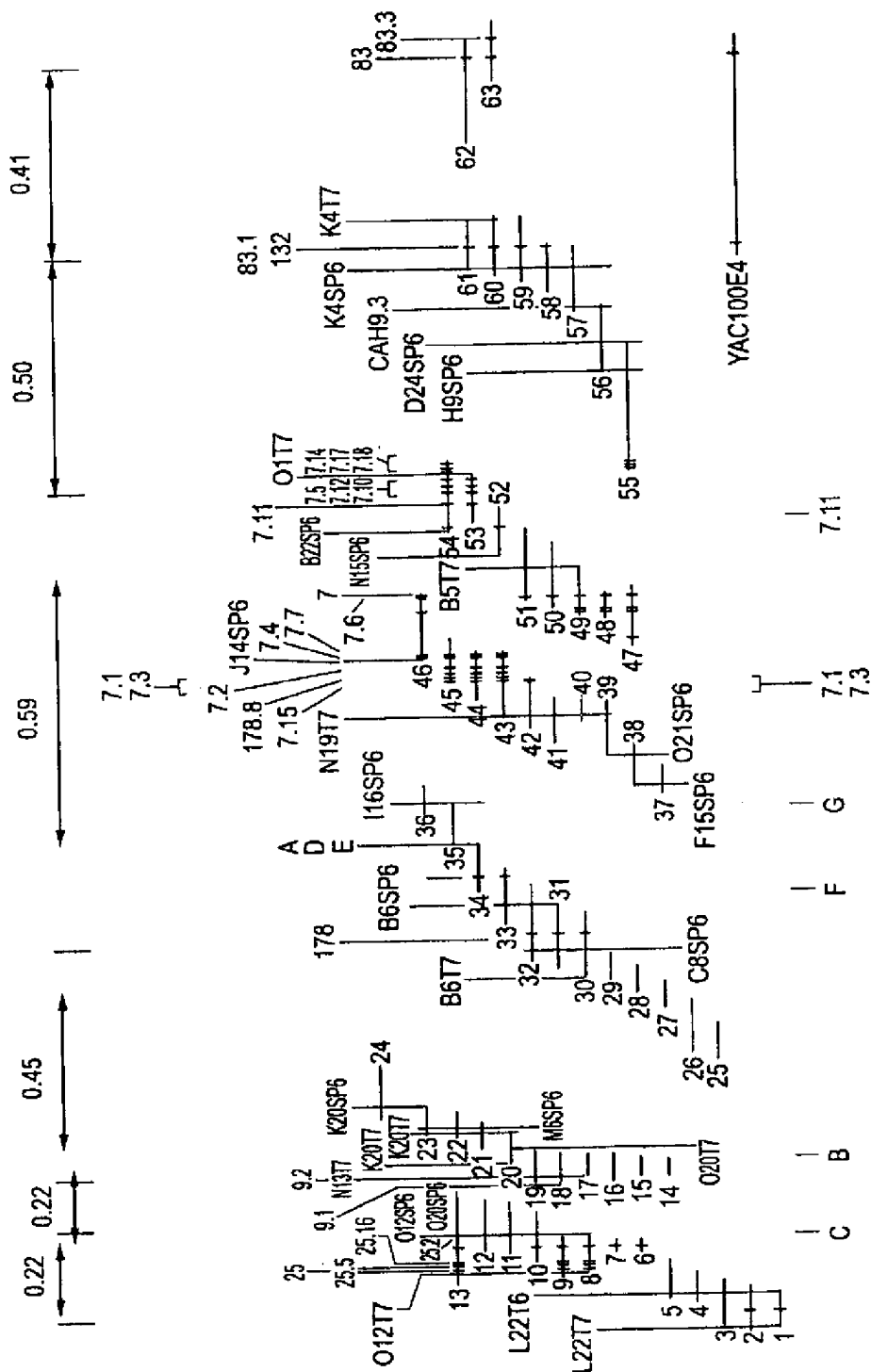


FIG. 4A

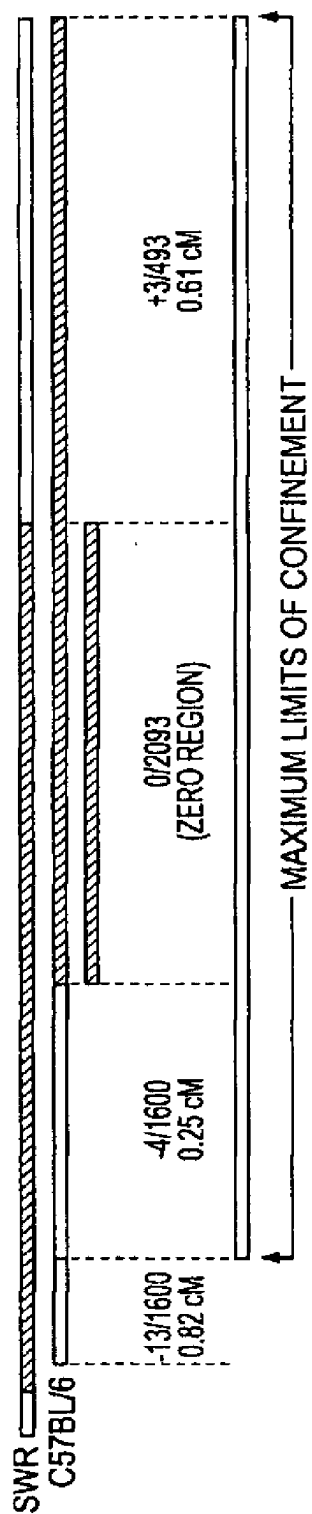


FIG. 4B

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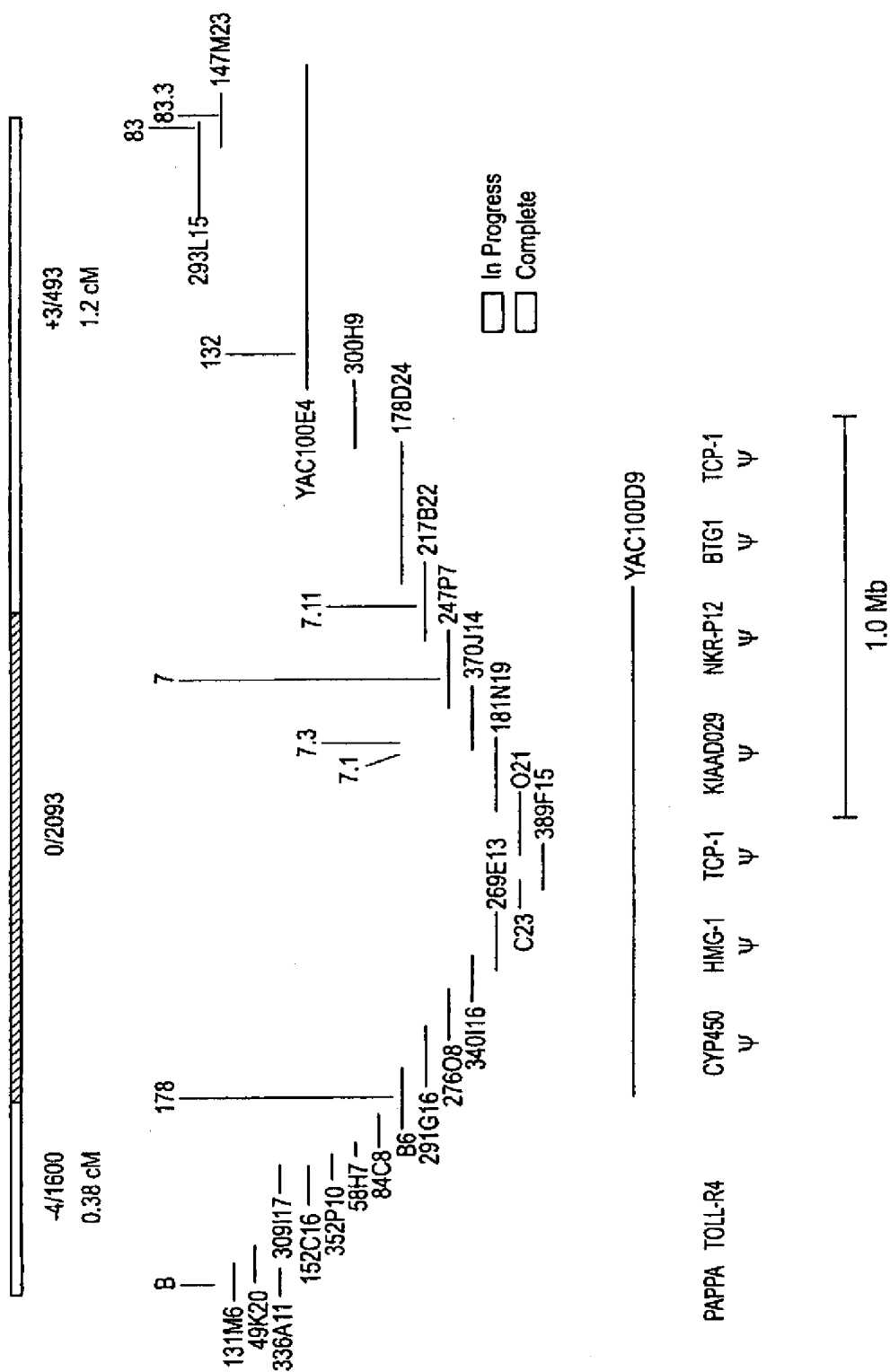


FIG. 5

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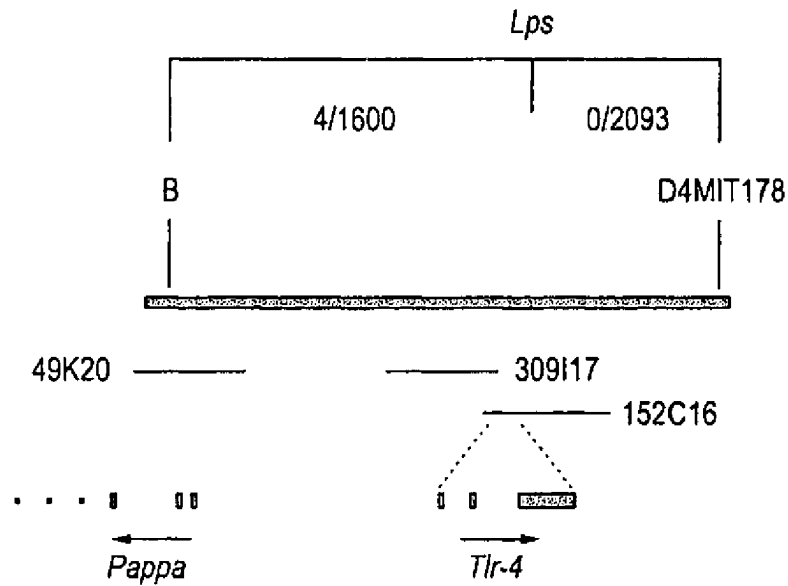


FIG. 6

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	1				50
jtoll	<u>MMPPWLLART</u>	<u>LIMAL.FFSC</u>	LTPGSLNPCI	EVVPNITYQC	MDQKLSKVPD
ntoll	<u>MMPPWLLART</u>	<u>LIMAL.FFSC</u>	LTPGSLNPCI	EVVPNITYQC	MDQKLSKVPD
rattlr4	<u>MMPLLLHLAGT</u>	<u>LIMAL.FLSC</u>	LTPGSLNPCI	EVLPNITYQC	MDQKLSKIPH
humtlr4	<u>MMSASRLAGT</u>	<u>LIPAMAFSLC</u>	VRPESWEPCV	EVVPNITYQC	MELNFYKIPD
	51				100
jtoll	DTPSSTKNID	LSFNPLKILK	SYSFSNFSEL	QWLDLSRCEI	ETIEDKAWHG
ntoll	DTPSSTKNID	LSFNPLKILK	SYSFSNFSEL	QWLDLSRCEI	ETIEDKAWHG
rattlr4	DIPYSTKNLD	LSFNPLKILR	SYSFTNFSQL	QWLDLSRCEI	ETIEDKAWHG
humtlr4	NLPFSTKNLD	LSFNPLRHLG	SYSFFSFPEL	QVLDLSRCEI	QTIEDGAYQS
	101				150
jtoll	LHLSNLILT	GNPIQSFSPG	SFSGLTSLN	LVAVETKLAS	LESFPIGOLI
ntoll	LHLSNLILT	GNPIQSFSPG	SFSGLTSLN	LVAVETKLAS	LESFPIGOLI
rattlr4	LNQLSTLVLT	GNPIKSFSPG	SFSGLTSLN	LVAVETKMTS	LEGFHIGOLI
humtlr4	LSHLSNLILT	GNPIQSLALG	AFSGLSSLQK	LVAVETNLAS	LENFPIGOLI
	151				200
jtoll	TLKKLNVAHN	FIGSCKLPAY	FSNLTNLVHV	DLSYNYIQT	TVNDLQFLRE
ntoll	TLKKLNVAHN	FIGSCKLPAY	FSNLTNLVHV	DLSYNYIQT	TVNDLQFLRE
rattlr4	SLKKLNVAHN	LIHSFKLPEY	FSNLTNLEHY	DLSYNYIQT	SVKDLQFLRE
humtlr4	TLKELNVAHN	LIQSFKLPEY	FSNLTNLEHL	DLSSNKIQSI	YCTDLRVLHQ
	201				250
jtoll	NPQVNLSLDM	SLNPIDFIQD	QAFQGIKLHE	LTLRGNFNSS	NIMKTCLQNL
ntoll	NPQVNLSLDM	SLNPIDFIQD	QAFQGIKLHE	LTLRGNFNSS	NIMKTCLQNL
rattlr4	NPQVNLSLDL	SLNPIDSIQA	QAFQGIKLHE	LTLRSNFNSS	NVLKMCLOQM
humtlr4	MPLNLSLDL	SLNPMNFIQP	GAFKEIRLHE	LTLRNNFDSL	NVMKTCIOGL
	251				300
jtoll	AGLHVHRLIL	GEFKDERNLE	IFEPSIMEGL	CDVTIDEFRL	TYTNDFSDDI
ntoll	AGLHVHRLIL	GEFKDERNLE	IFEPSIMEGL	CDVTIDEFRL	TYTNDFSDDI
rattlr4	TGLHVHRLIL	GEFKNERNLE	SFDRSYMEGL	CNVSIDFRL	TYINHFSDDI
humtlr4	AGLEVHRLVL	GEFRNEGNLE	KFDKSALEGL	CNTLIEEFRL	AYLDYYSDDI
	301				350
jtoll	VK.FHCLANV	SAMSLAGVSI	KYLEDVPKHF	KWQSLSIIRC	QLKQFPPTLDL
ntoll	VK.FHCLANV	SAMSLAGVSI	KYLEDVPKHF	KWQSLSIIRC	QLKQFPPTLDL
rattlr4	YN.LNCLANI	SAMSFTGVHI	KHIADVPKHF	KWQSLSIIRC	HLKPFKPLSL
humtlr4	IDLFNCLTNV	SSFSLVSVTI	ERVKDFSYNF	GWQHLELVNC	KFGQFPPTLKL
	351				400
jtoll	PFLKSLTLTM	NKGSISFKKV	ALPSLSYLDL	SRNALSFSGC	CSYSDLGNTS
ntoll	PFLKSLTLTM	NKGSISFKKV	ALPSLSYLDL	SRNALSFSGC	CSYSDLGNTS
rattlr4	PLFKSWTLTT	NREDISFGOL	ALPSLRYLTL	SRNAMSFRGC	CSYSDFGTNN
humtlr4	KSLKRLTFTS	NKGGNAFSEV	DLPSLEFLDL	SRNGLSFKGC	CSQSDFGTTS
	401				450
jtoll	LRHLDLSFNG	AIIMSANFMG	LEELQHLDLQ	HSTLKRVTET	SAFLSLEKLL
ntoll	LRHLDLSFNG	AIIMSANFMG	LEELQHLDLQ	HSTLKRVTET	SAFLSLEKLL
rattlr4	LKYLDLSFNG	VILMSANFMG	LEELEYLDLQ	HSTLKKVTEF	SVFLSLEKLL
humtlr4	LKYLDLSFNG	VITMSSNFLG	LEQLEHLDLQ	HSNLKQMSF	SVFLSLRNLI

FIG. 7A

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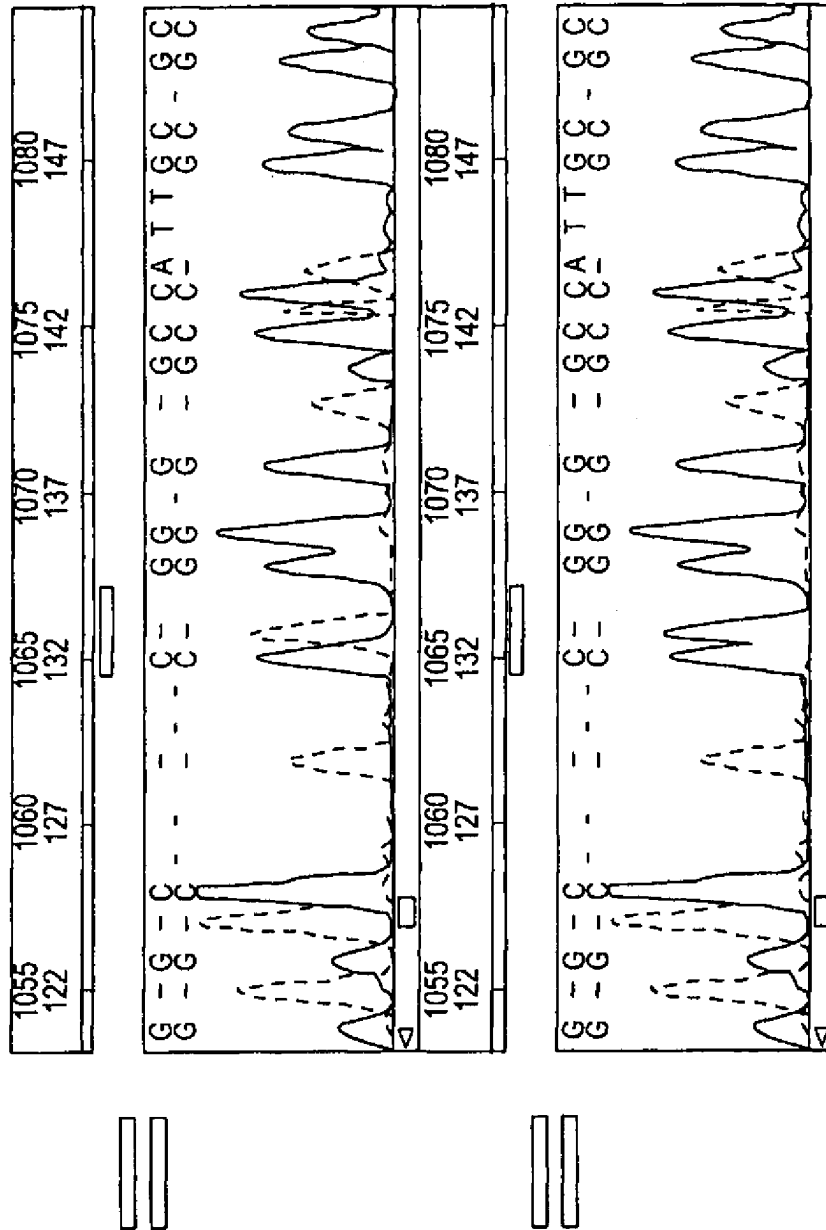
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	451				500
jtoll	YLDISYTNTK	IDFDGIFLGL	TSLNTLKMAG	NSFKDNTLSN	VFANTTNLTF
ntoll	YLDISYTNTK	IDFDGIFLGL	TSLNTLKMAG	NSFKDNTLSN	VFANTTNLTF
rattlr4	YLDISYTNTK	IDFDGIFLGL	ISLNTLKMAG	NSFKDNTLSN	VFTNTTNLTF
humtlr4	YLDISHTHTR	VAFNGIFLGL	SSLEVLKMAG	NSFQENFLPD	IFTELRLNLT
	501				550
jtoll	LDLSKCQLEQ	ISWGVFDTLH	RLQLLNMSHN	NLLFLDSSHY	NQLYSLSTLD
ntoll	LDLSKCQLEQ	ISWGVFDTLH	RLQLLNMSHN	NLLFLDSSHY	NQLYSLSTLD
rattlr4	LDLSKCQLEQ	ISRGVFDTLY	RLQLLNMSHN	NLLFLDPSHY	KQLYSLRTLD
humtlr4	LDLSQCQLEQ	LSPTAFNSLS	SLQVLNMSHN	NFFSLDTFPY	KCLNSLQVLD
	551				600
jtoll	CSFNRIETS.	KGILQHFPKS	LAFENLTNNS	VACICEHQKF	LQWVKEQKQF
ntoll	CSFNRIETS.	KGILQHFPKS	LAFENLTNNS	VACICEHQKF	LQWVKEQKQF
rattlr4	CSFNRIETS.	KGILQHFPKS	LAVENLTNNS	VACICEYQNF	LQWVKDQKMF
humtlr4	CSFNRIETS.	KQELQHFPKS	LAFLNLTQND	FACTCEHQSF	LQWIKDQRQL
	601				650
jtoll	LVNVEQMTCA	TPVEMNTSLV	LDFNNSCTCYM	<u>YKTIISVSVV</u>	<u>SVIVVSTVAF</u>
ntoll	LVNVEQMTCA	TPVEMNTSLV	LDFNNSCTCYM	<u>YKTIISVSVV</u>	<u>SVIVVSTVAF</u>
rattlr4	LVNVEQMKCA	SPIDMKASLV	LDFNTSTCYI	<u>YKTIISVSVV</u>	<u>SVLVVATVAF</u>
humtlr4	LVEVERMECA	TPSDKQGMFV	LSL.NITCOM	<u>NKTIIGVSVL</u>	<u>SVLVVSVVAV</u>
	651				700
jtoll	<u>LIYHFEYFHLI</u>	LIAGCKKYSR	GESIYDAFVI	YSSQNEWDWR	NELVKNLEEG
ntoll	<u>LIYHFEYFHLI</u>	LIAGCKKYSR	GESIYDAFVI	YSSQNEWDWR	NELVKNLEEG
rattlr4	<u>LIYHFEYFHLI</u>	LIAGCKKYSR	GESIYDAFVI	YSSQNEWDWR	NELVKNLEEG
humtlr4	<u>LVYKFYFHLM</u>	LLAGCIKYGR	GENIYDAFVI	YSSQDEWDWR	NELVKNLEEG
	701				750
jtoll	VPRFHLCLHY	RDFIHGVAIA	ANTIQEGFHK	SRKVIVVVS	HFIQSRWCIF
ntoll	VPRFHLCLHY	RDFIHGVAIA	ANTIQEGFHK	SRKVIVVVS	HFIQSRWCIF
rattlr4	VPRFQLCLHY	RDFIPGVAIA	ANTIQEGFHK	SRKVIVVVS	HFIQSRWCIF
humtlr4	VPPFQLCLHY	RDFIPGVAIA	ANTIHEGFHK	SRKVIVVVSQ	HFIQSRWCIF
	751				800
jtoll	EYEIAQTWQF	LSSRSGIIFI	VLEKVEKSLL	RQQVELYRLL	SRNTYLEWED
ntoll	EYEIAQTWQF	LSSRSGIIFI	VLEKVEKSLL	RQQVELYRLL	SRNTYLEWED
rattlr4	EYEIAQTWQF	LSSRSGIIFI	VLEKVEKSLL	RQQVELYRLL	SRNTYLEWED
humtlr4	EYEIAQTWQF	LSSRAGIIFI	VLQKVEKTLL	RQQVELYRLL	SRNTYLEWED
	801				840
jtoll	NPLGRHIFWR	RLKNALLDGK	ASNPEQTAE	EQETATWT~~	
ntoll	NPLGRHIFWR	RLKNALLDGK	ASNPEQTAE	EQETATWT~~	
rattlr4	NALGRHIFWR	RLKKALLDGK	ALNPDETSEE	EQEATTLT~~	
humtlr4	SVLGRHIFWR	RLRKALLDGK	SWNPEGTVGT	GCNWQEATSI	

Fig 7B



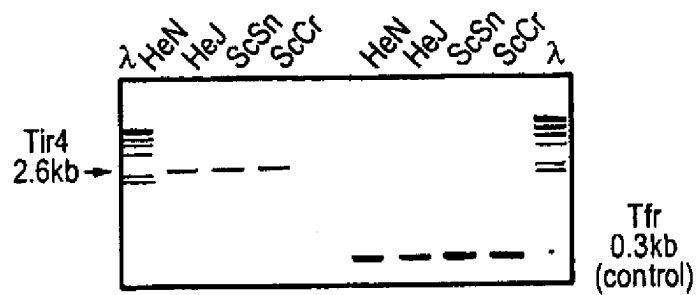


FIG. 8A

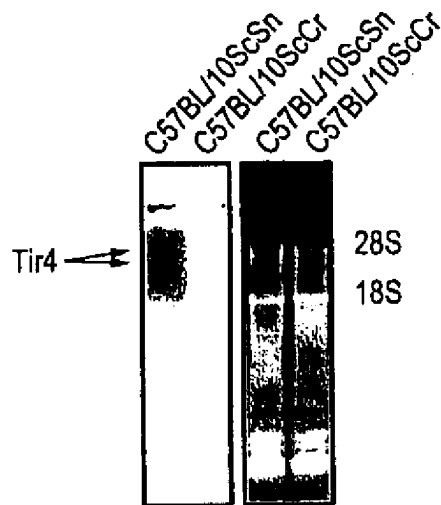


FIG. 8B

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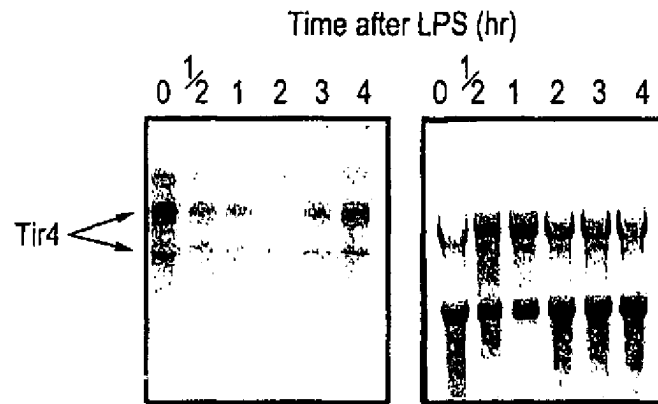


FIG. 9

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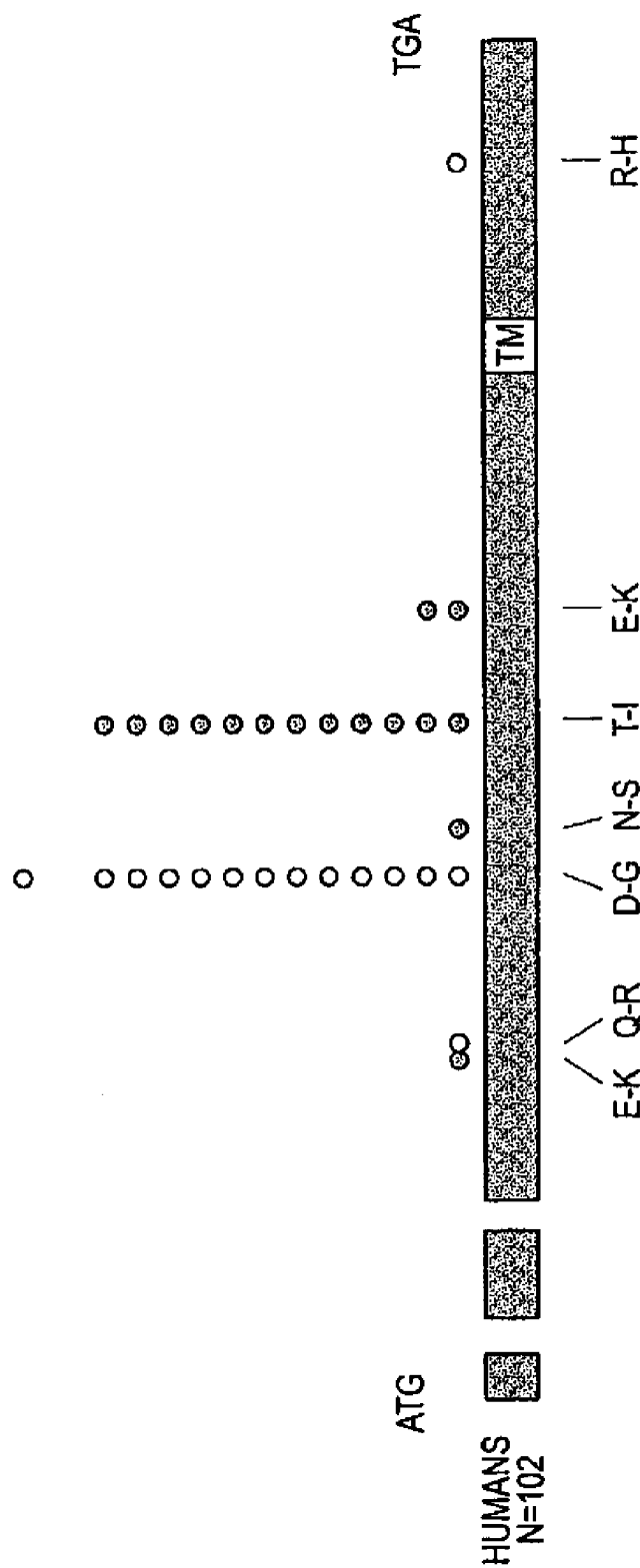


FIG. 10

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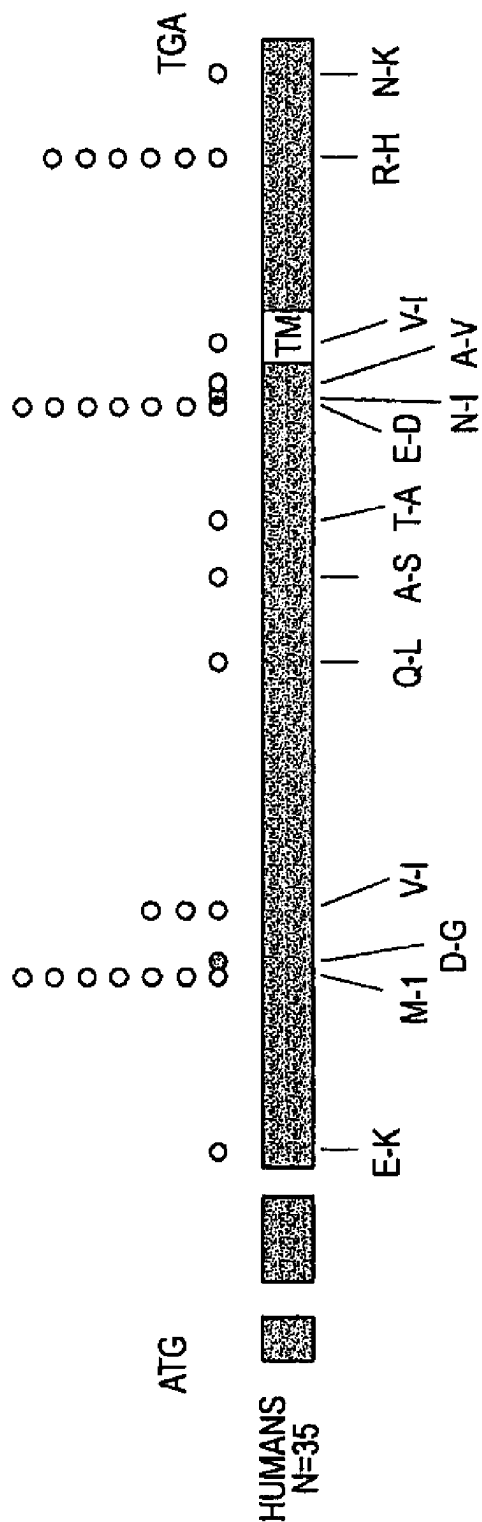


FIG. 11

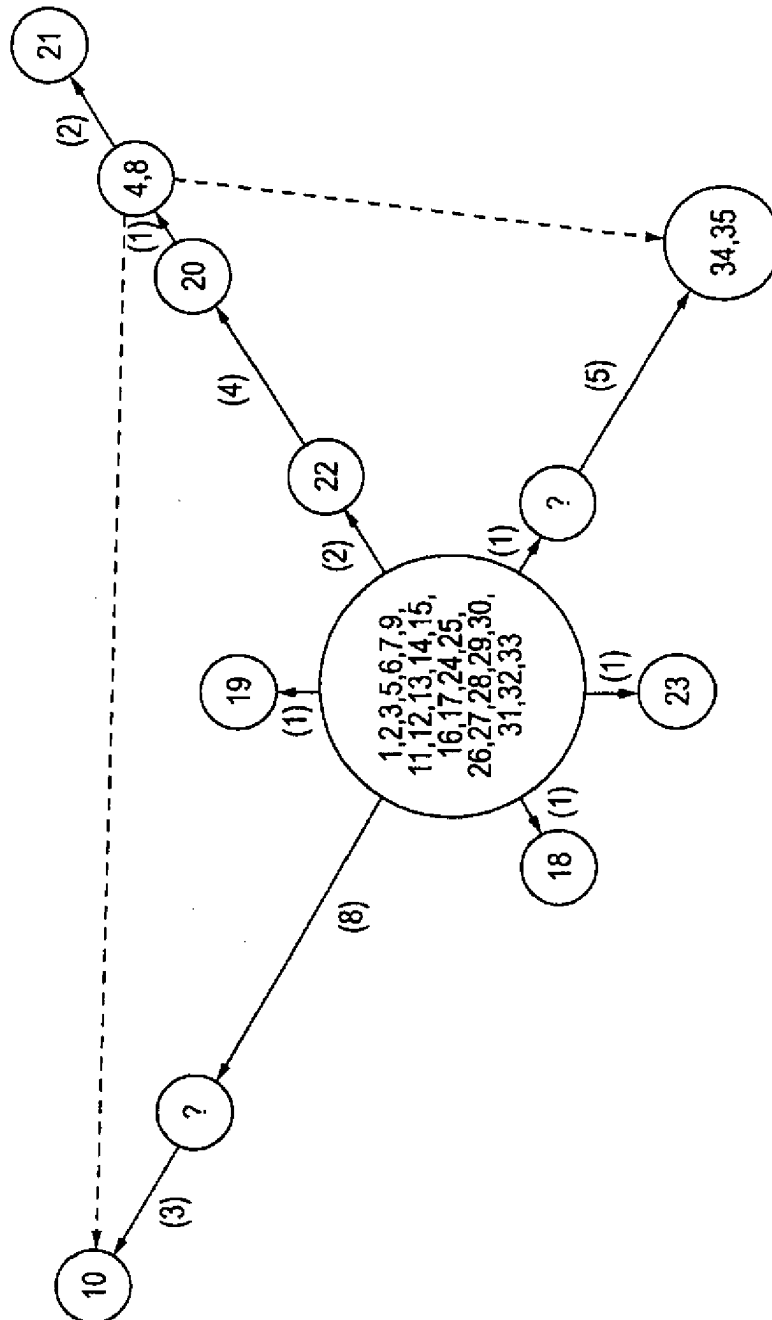


FIG. 12

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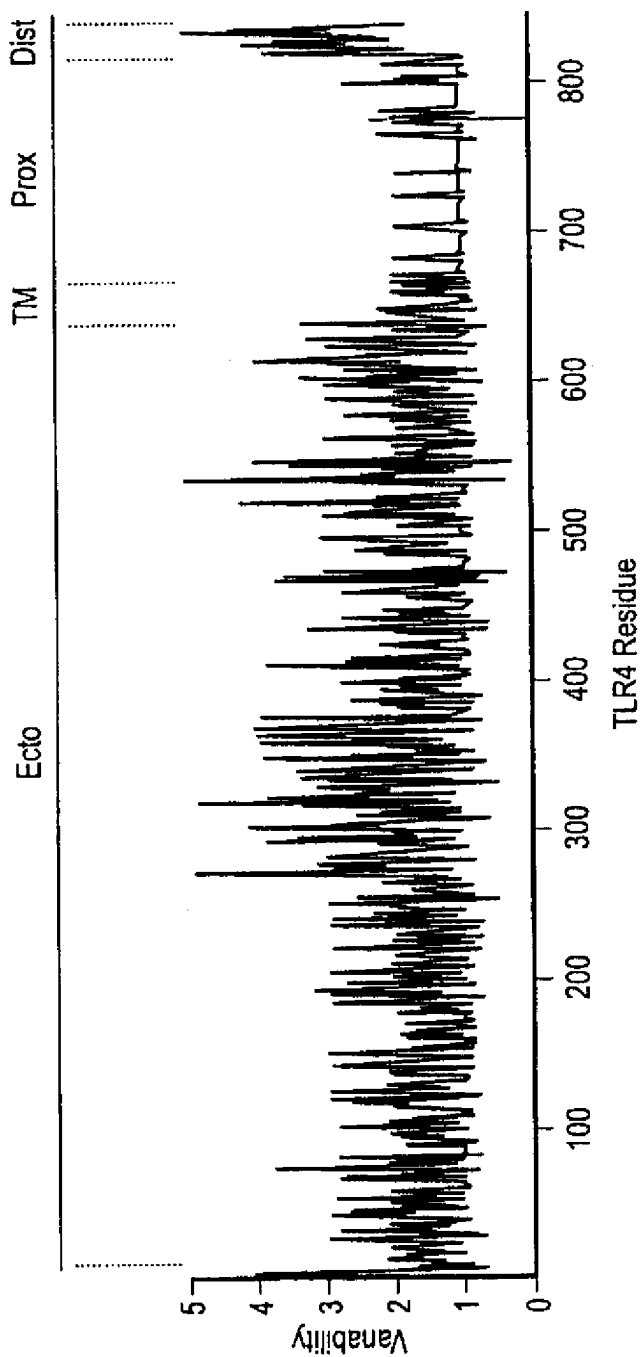


FIG. 13

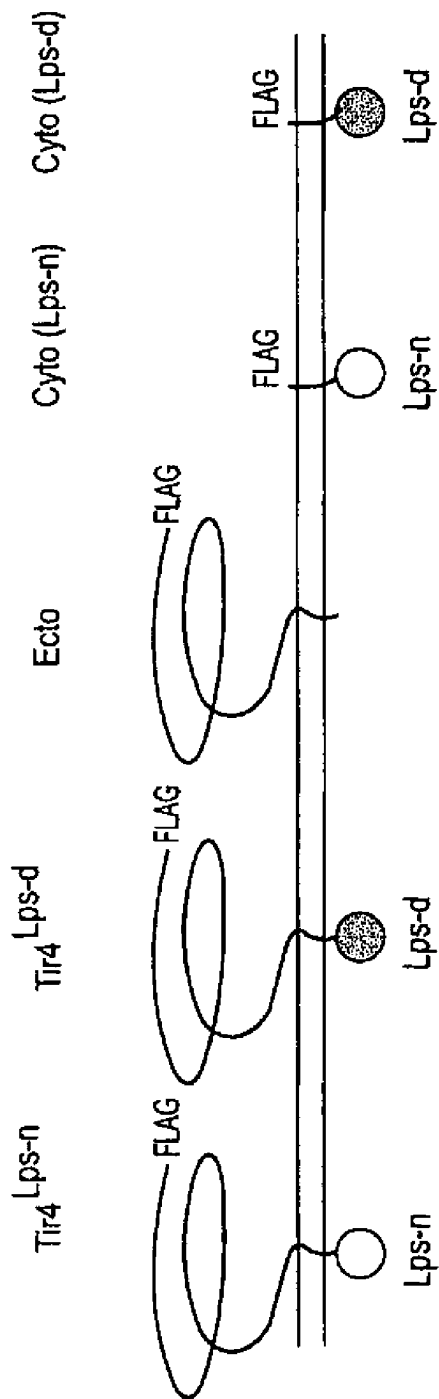


FIG. 14

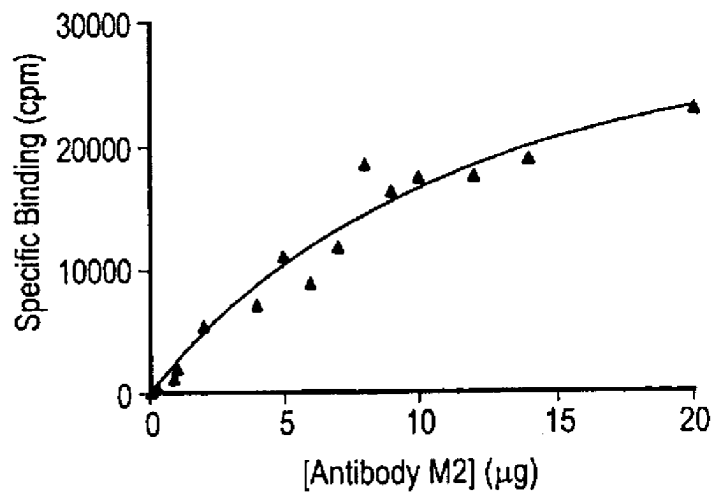


FIG. 15A

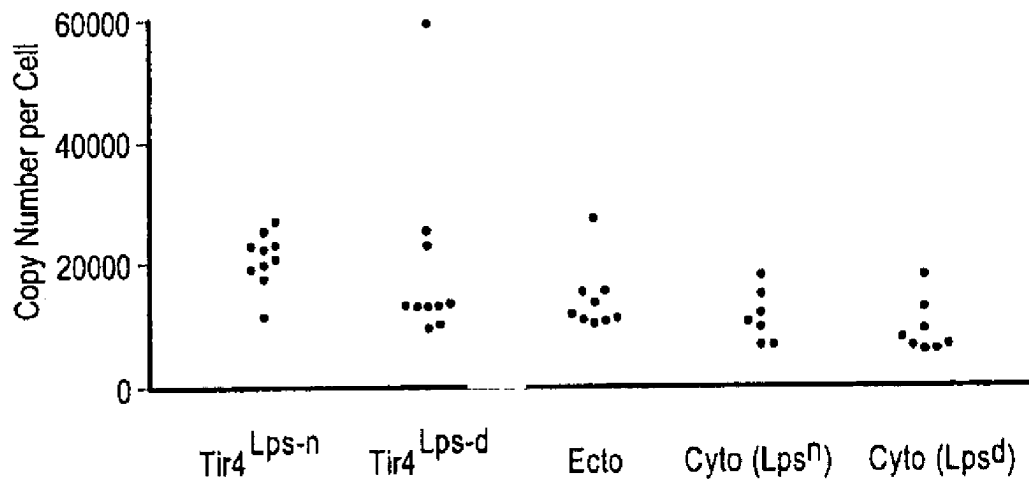


FIG. 15B

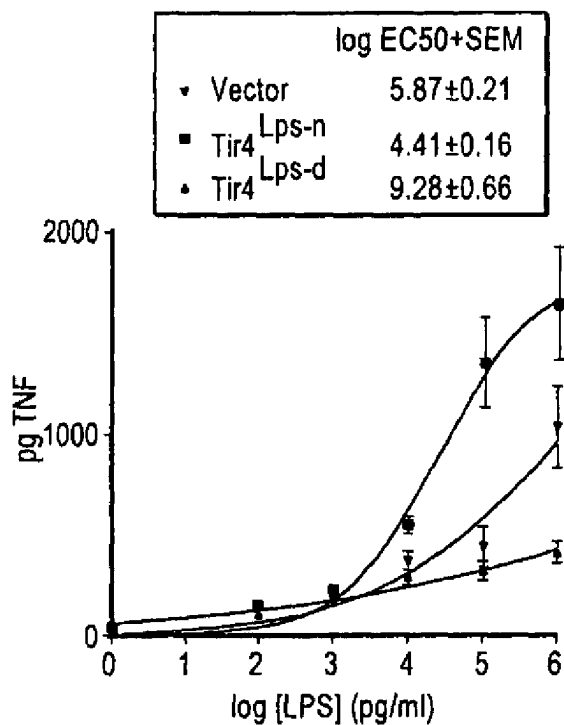


FIG. 15C

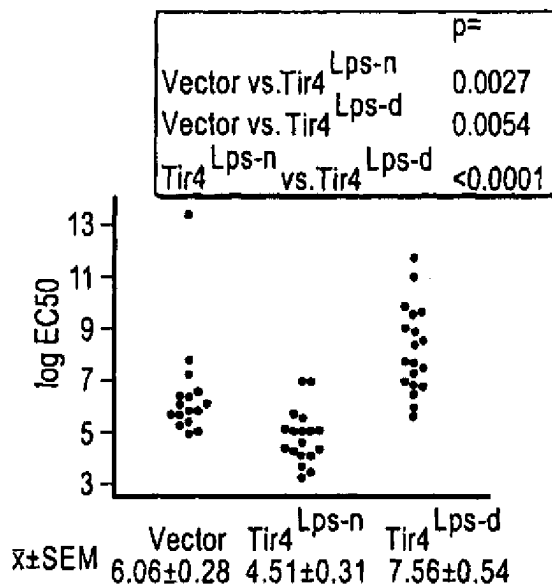


FIG. 15D

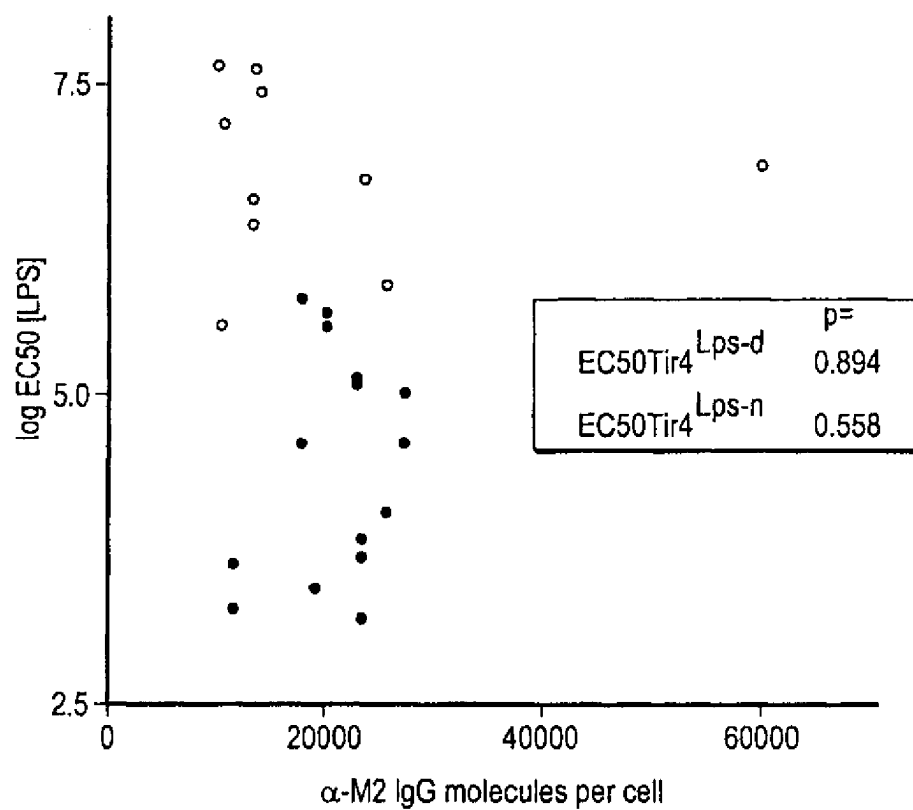


FIG. 15E

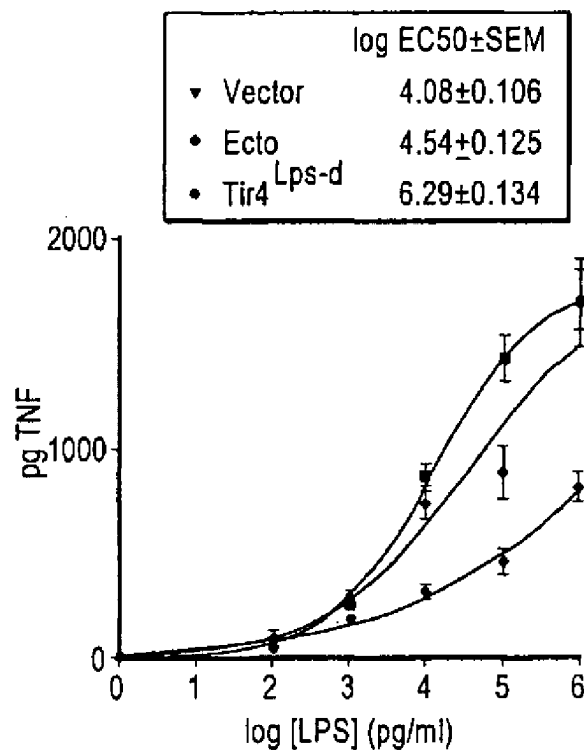


FIG. 16A

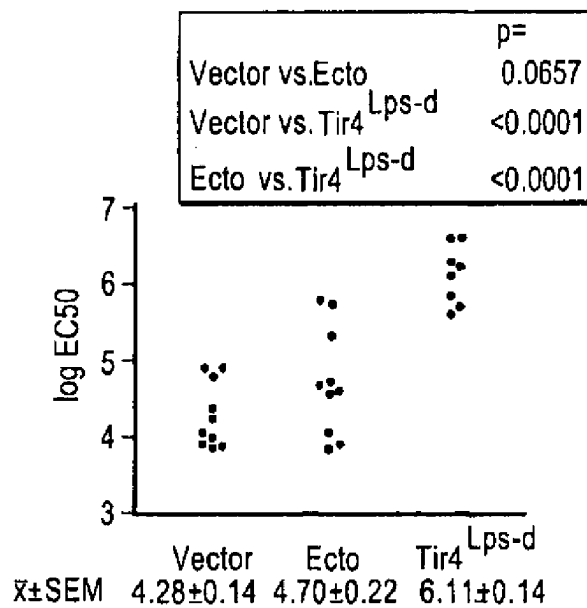


FIG. 16B

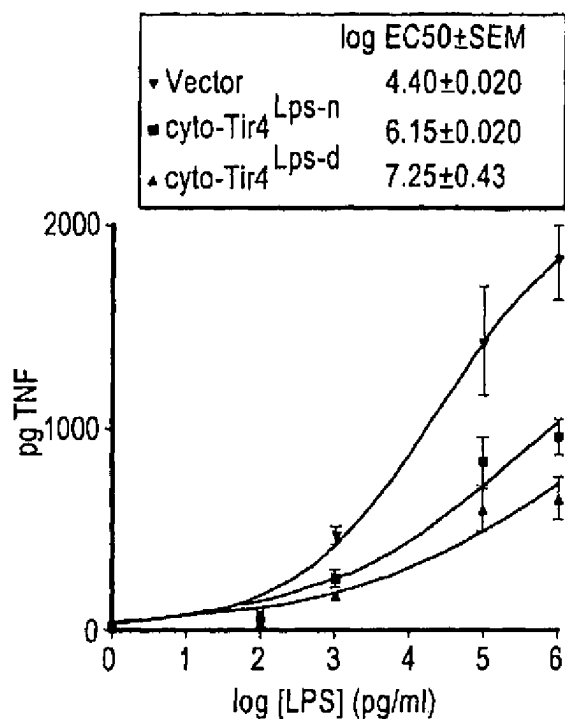


FIG. 17A

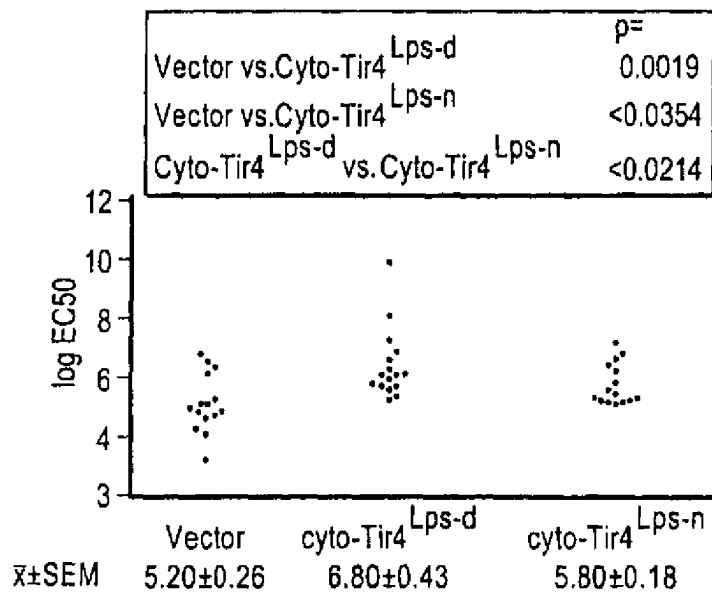


FIG. 17B